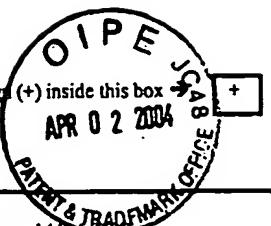


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Substitute for form 1449-0408 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/723,144
				Filing Date	November 25, 2003
				First Named Inventor	Amy L. ALLAN
				Group Art Unit	1641
				Examiner Name	Not yet assigned
Sheet	1	of	5	Attorney Docket Number	ATTE-002/02US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
MM/ACb	P1	6,472,369		Livant	10-29-2002
	P2	6,001,965		Livant	12-14-1999
	P3	5,994,309		Mazar <i>et al.</i>	07-25-1997
	P4	5,970,974		Van der Linden <i>et al.</i>	10-26-1999
	P5	5,954,047		Amer <i>et al.</i>	09-21-1999
	P6	5,950,619		van der Linden <i>et al.</i>	09-10-1997
	P7	5,698,155		Grosswald <i>et al.</i>	12-16-1997
	P8	5,639,725		O'Reilly <i>et al.</i>	06-17-1997
	P9	5,627,286		Ramalingam <i>et al.</i>	05-06-1997
	P10	5,618,513		Srinivasan	04-08-1997
	P11	5,567,408		Zamora	10-22-1996
	P12	5,561,220		Dean	10-01-1996
	P13	5,556,611		Biesalski	09-17-1996
	P14	5,443,816		Zamura <i>et al.</i>	08-22-1995
	P15	5,112,598		Biesalski	05-12-1992
	P16	4,765,539		Noakes <i>et al.</i>	08-23-1988
	P17	4,683,202		Mullis	07-28-1987
	P18	3,916,899		Theeuwes <i>et al.</i>	11-04-1975
MM/ACb	P19	3,845,770		Theeuwes <i>et al.</i>	11-05-1974

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
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	F2						
	F3						

Examiner Signature

Manuel M. L. Cordero, Jr.

Date Considered

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		Application Number	10/723,144
		Filing Date	November 25, 2003
		First Named Inventor	Amy L. ALLAN
		Group Art Unit	1614
		Examiner Name	Not yet assigned
Sheet	i	of	5
		Attorney Docket Number	
		ATTE-002/02US	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MMG	D1	ADELMAN <i>et al.</i> , "In Vitro Deletional Mutagenesis for Bacterial Production of the 20,000-Dalton Form of Human Pituitary Growth Hormone," <i>DNA</i> (1983), 2:183-193.	
	D2	ALDERMAN, "A Review of Cellulose Ethers in Hydrophilic Matrices for Oral Controlled-Release Dosage Forms," <i>Int. J. Pharm. Tech. & Prod. Mfr.</i> (1984), 5(3) 1-9.	
	D3	ALMQUIST <i>et al.</i> , "Synthesis and Biological Activity of a Ketomethylene Analogue of a Tripeptide Inhibitor of Angiotensin Converting Enzyme," <i>J. Med. Chem.</i> (1980), 23:1392	
	D4	BALDARI <i>et al.</i> , "A Novel Leader Peptide Which Allows Efficient Secretion of a Fragment of Human Interleukin 1 β in <i>Saccharomyces cerevisiae</i> ," <i>EMBO J.</i> (1987), 6:229-234	
	D5	BAMBA <i>et al.</i> , "Release Mechanisms in Gelforming Sustained Release Preparations," <i>Int. J. Pharm.</i> (1979), 2:307-315	
	D6	BEAUCAGE <i>et al.</i> , "Deoxynucleoside Phosphoramidites—A New Class of Key Intermediates for Deoxypolynucleotide Synthesis," <i>Tetrahedron Lett.</i> (1981), 22:1859	
	D7	BENJAMIN <i>et al.</i> , "Selective Ablation of Immature Blood Vessels in Established Human Tumors Follows Vascular Endothelial Growth Factor Withdrawal," <i>J. Clin. Invest.</i> (1999), 103:159-165	
	D8	BLOOD <i>et al.</i> , "Tumor Interactions with the Vasculature: Angiogenesis and Tumor Metastasis," <i>Biochim. Biophys. Acta</i> (1990), 1032:89-118	
	D9	BORGSTROM <i>et al.</i> , "Neutralizing Anti-Vascular Endothelial Growth Factor Antibody Completely Inhibits Angiogenesis and Growth of Human Prostate Carcinoma Micro Tumors In Vivo," <i>Prostate</i> (1998), 35:1-10	
	D10	BROOKS <i>et al.</i> , "Disruption of Angiogenesis by PEX, A Noncatalytic Metalloproteinase Fragment with Integrin Binding Activity," <i>Cell</i> (1998), 92:391-400	
	D11	BRUCHEZ <i>et al.</i> , "Semiconductor Nanocrystals as Fluorescent Biological Labels," <i>Science</i> (1998), 281:2013-2016	
	D12	CHAMBERS <i>et al.</i> , "Macrophage Colony-stimulating Factor Mediates Invasion of Ovarian Cancer Cells through Urokinase," <i>Canc. Res.</i> (1995), 55:1578-1585	
	D13	CHAN <i>et al.</i> , "Quantum Dot Bioconjugates for Ultrasensitive Nonisotopic Detection," <i>Science</i> (1998), 281:2016-2018	
	D14	CHOREV <i>et al.</i> , "Partially Modified Retro-Inverso-Enkephalinamides: Topochemical Long-Acting Analogs in vitro and in vivo," <i>Science</i> (1979), 204:1210-1212	
	D15	CROWLEY <i>et al.</i> , "Prevention of Metastasis by Inhibition of the Urokinase Receptor," <i>Proc. Natl. Acad. Sci. USA</i> (1993), 90:5021-5025	
	D16	DURING <i>et al.</i> , "Controlled Release of dopamine from a Polymeric Brain Implant: In Vivo Characterization," <i>Ann. Neurol.</i> (1989) 25:351	
MMG	D17	EDGE, "Total Synthesis of a Human Leukocyte Interferon Gene," <i>Nature</i> (1981), 292:756-762	

EX: *Michele M. Corles Jr.*

DATE CONSIDERED 8/05/05

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Mmck	D18	FOLKMAN, "Anti-Angiogenesis: New Concept for Therapy of Solid Tumors," <i>Ann. Surg.</i> (1972), 175:409-416
	D19	FOLKMAN, "The Influence of Angiogenesis Research on Management of Patients with Breast Cancer," <i>Breast Cancer Res. Treat.</i> (1995), 36(2):109-118
	D20	FOLKMAN, "Angiogenesis Inhibitors Generated by Tumors," <i>Mol. Med.</i> (1995), 1(2):120-122;
	D21	GIANNIS <i>et al.</i> , "Peptidomimetics in Drug Design," <i>Adv. In Drug Res.</i> (1997), 29:1-78
	D22	GLUZMAN, "SV40-Transformed Simian Cells Support the Replication of Early SV40 Mutants," <i>Cell</i> (1981), 23:175-182
	D23	GOODSON, "Medical Application of Controlled Release" 2:115-138 (1984)
	D24	GORELIK <i>et al.</i> , "Control of Lung Metastasis Progression in Mice: Role of Growth Kinetics of 3LL Lewis Lung Carcinoma and Host Immune Reactivity," <i>J. Nat'l Canc. Inst.</i> , (1980), 65:1257-1264
	D25	GORELIK <i>et al.</i> , "Host's Immune State and Kinetics of Local Tumor Growth Control – Progression of Postoperative Lung Metastasis," <i>Rec. Results Canc. Res.</i> (1980), 75:20-28
	D26	HANAHAN <i>et al.</i> , "Patterns and Emerging Mechanisms of the Angiogenic Switch during Tumorigenesis," <i>Cell</i> (1996), 86(3):353-364
	D27	HILGARD <i>et al.</i> , "Oral Anticoagulation in the Treatment of a Spontaneously Metastasising Murine Tumour (3LL)," <i>Br. J. Cancer</i> (1977), 35:78-86
	D28	HOLLADAY <i>et al.</i> , "Synthesis of Hydroxyethylene and Ketomethylene Dipeptide Isosteres," <i>Tetrahedron Lett.</i> (1983), 24:4401-4404
	D29	HOWARD <i>et al.</i> , "Intracerebral drug delivery in rats with lesion-induced memory deficits," <i>J. Neurosurg.</i> (1989), 71:105-112
	D30	HRUBY, "Conformational Restrictions of Biologically Active Peptides Via Amino Acid Side Chain Groups," <i>Life Sci.</i> (1982), 4:189-199
	D31	HRUBY, "Conformational and Topographical Considerations in the Design of Biologically Active Peptides," <i>Biopolymers</i> (1993), 33:1073-1082
	D32	ISAKOV <i>et al.</i> , "An Immune Response against the Alloantigens of the 3LL Lewis Lung Carcinoma Prevents the Growth of Lung Metastases, but Not of Local Allografts," <i>Invasion Metas.</i> (1982) 2:12-32
	D33	JAY, "Chemical Synthesis of a Biologically Active Gene for Human Immune Interferon- γ ," <i>J. Biol. Chem.</i> (1984), 259:6311-6317
	D34	JENNING-WHITE <i>et al.</i> , "Synthesis of Ketomethylene Analogs of Dipeptides," <i>Tetrahedron Lett.</i> (1982), 23:2533-2534
	D35	KAUFMAN <i>et al.</i> , "Translational Efficiency of Polycistronic mRNAs and their Utilization to Express Heterologous Genes in Mammalian cells," <i>EMBO J.</i> , (1987), 6:187-195
	D36	KLEINMAN <i>et al.</i> , "Basement Membrane Complexes with Biological Activity," <i>Biochemistry</i> (1986), 25:312-318
	D37	KURJAN <i>et al.</i> , "Structure of a Yeast Pheromone Gene (M α): A Putative α -Factor Precursor Contains Four Tandem Copies of Mature α -Factor," <i>Cell</i> , (1982), 30:933-943
Mmck 6	D38	LANGER <i>et al.</i> , "Chemical and Physical Structure of Polymers as Carriers for Controlled Release of Bioactive Agents: A Review," <i>J. Macromol. Sci. Rev. Macromol. Chem.</i> , (1983), 23:61

EX!

Mark M. Clark, Jr.

DATE CONSIDERED: 8/05/05

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MMG	D39	LANGER, "New Methods of Drug Delivery," <i>Science</i> , (1990), 249:1527-1533	
	D40	LEVY <i>et al.</i> , "Inhibition of Calcification of Bioprosthetic Heart Valves by Local Controlled-Release Diphosphonate," <i>Science</i> , (1985) 228:190	
	D41	LUCKLOW <i>et al.</i> , "High Level Expression of Nonfused Foreign Genes with <i>Autographa californica</i> Nuclear Polyhedrosis Virus Expression Vectors," <i>Virology</i> (1989), 170:31-39	
	D42	MALAVE <i>et al.</i> , "Influence of Inoculation Site on Development of the Lewis Lung Carcinoma and Suppressor Cell Activity in Syngeneic Mice," <i>J. Nat'l. Canc. Inst.</i> (1979), 62:83-88	
	D43	MATTEUCCI <i>et al.</i> , "Synthesis of Deoxyoligonucleotides on a Polymer Support," <i>J. Am. Chem. Soc.</i> (1981), 103:3185	
	D44	MAXAM <i>et al.</i> , "Nucleic Acids," <i>Meth. Enzymol.</i> (1980), 65:499-560	
	D45	MERRIFIELD, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide," <i>J. Amer. Chem. Soc.</i> (1963), 85:2149-54	
	D46	MESSING <i>et al.</i> , "A System for Shotgun DNA Sequencing," <i>Nucleic Acids Res.</i> (1981), 9:309	
	D47	MILLAUER <i>et al.</i> , "Dominant-Negative Inhibition of Flk-1 Suppresses the Growth of Many Tumor Types <i>in Vivo</i> ," <i>Cancer Res.</i> (1996), 56:1615-1620	
	D48	MIN <i>et al.</i> , "Urokinase Receptor Antagonists Inhibit Angiogenesis and Primary Tumor Growth in Syngeneic Mice," <i>Cancer Res.</i> (1996), 56:2428-2433	
	D49	MOORE <i>et al.</i> , "Design and Pharmacology of Peptide Mimetics," <i>Adv. In Pharmacol.</i> (1995), 33:91-141	
	D50	NAMBAIR <i>et al.</i> , "Total Synthesis and Cloning of a Gene Coding for the Ribonuclease S Protein," <i>Science</i> (1984), 223:1299-1301	
	D51	NGUYEN <i>et al.</i> , "Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioallantoic Membrane," <i>Microvascular Res.</i> (1994), 47:31-40	
	D52	ODEDRA <i>et al.</i> , "Low Molecular Weight Angiogenesis Factors," <i>Pharmac. Ther.</i> (1991), 49:111-124	
	D53	OLSON <i>et al.</i> , "Concepts and Progress in the Development of Peptide Mimetics," <i>J. Med. Chem.</i> (1993), 36:3039	
	D54	O'REILLY <i>et al.</i> , "Endostatin: An Endogenous Inhibitor of Angiogenesis and Tumor Growth," <i>Cell</i> (1997), 88:277-285	
	D55	O'REILLY <i>et al.</i> , "Angiostatin: A Novel Angiogenesis Inhibitor That Mediates the Suppression of Metastases by a Lewis Lung Carcinoma," <i>Cell</i> (1994), 79:315-328	
	D56	PARISH <i>et al.</i> , (1992), "A Basement-Membrane Permeability Assay Which Correlates With The Metastatic Potential of Tumour Cells," <i>Int. J. Cancer</i> 52:378-383	
	D57	PASSANITI <i>et al.</i> , "A Simple, Quantitative Method for Assessing Angiogenesis and Antiangiogenic Agents Using Reconstructed Basement Membrane, Heparin, and Fibroblast Growth Factor," <i>Lab Invest.</i> (1992), 67:519-528	
	D58	RABBANI <i>et al.</i> , "Prevention of Prostate-Cancer Metastasis <i>In Vivo</i> by a Novel Synthetic Inhibitor of Urokinase-Type Plasminogen Activator (uPA)" <i>Int. J. Cancer</i> (1995), 63:840-845	
MMG	D59	SANGER, "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> (1977), 74:5463-5467	

EXAMINER: Marcela M. Leder Javor

DATE CONSIDERED: 8/5/15

Sheet 5 of 5

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MMG	D60	SAUDEK <i>et al.</i> , "A Preliminary Trial of the Programmable Implantable Medication System for Insulin Delivery," <i>N. Engl. J. Med.</i> (1989), 321:574	
	D61	SCHNAPER <i>et al.</i> , "Plasminogen Activators Augment Endothelial Cell Organization In Vitro by Two Distinct Pathways," <i>J. Cell. Physiol.</i> (1995), 165:107-118	
	D62	SCHOCKLEY <i>et al.</i> , "Penetration of Tumor Tissue by Antibodies and Other Immunoproteins," <i>Ann. N.Y. Acad. Sci.</i> (1991), 617:367-382	
	D63	SCHULTZ <i>et al.</i> , "Expression and secretion in yeast of a 400-kDa envelope glycoprotein derived from Epstein-Barr virus," <i>Gene</i> , (1987), 54:113-123	
	D64	SEFTON, "Implantable Pumps," <i>CRC Crit. Ref. Biomed. Eng.</i> (1987), 14:201	
	D65	SMITH <i>et al.</i> , "Production of Human Beta Interferon in Insect Cells Infected with a Baculovirus Expression Vector," <i>Mol. Cell Biol.</i> (1983), 3:2156-2165	
	D66	SPATOLA, "Chemistry and Biochemistry of Amino Acids, Peptides and Proteins," B. Weinstein, (eds.), <i>Marcel Dekker, New York</i> , (1983) 267-357	
	D67	SPATOLA <i>et al.</i> , "Structure-Activity Relationships of Enkephalins Containing Serially Replaced Thiomethylene Amide Bond Surrogates," <i>Life Sci.</i> (1986), 38:1243-1249	
	D68	TALMADGE <i>et al.</i> , "Enhanced Metastatic Potential of Tumor Cells Harvested From Spontaneous Metastases of Heterogeneous Murine Tumors," <i>J. Nat'l. Canc. Inst.</i> (1982), 69:975-980	
	D69	THAKUR <i>et al.</i> , "Indium-111-labeled leukocytes for the localization of abscesses: preparation, analysis, tissue distribution, and comparison with gallium-67 citrate in dogs," <i>J. Lab. Clin. Med.</i> (1977), 89:217-228	
	D70	TREAT <i>et al.</i> , "Liposomes in the Therapy of Infectious Diseases and Cancer", <i>Lopez-Berestein and Fidler</i> (eds.), <i>Liss, New York</i> , pp. 353-365 (1989)	
	D71	VERMA <i>et al.</i> , "Osmotically Controlled Oral Drug Delivery," <i>Drug Dev. Ind. Pharm.</i> (2000), 26:695-708	
	D72	VERSCHOYLE <i>et al.</i> , "Pharmacokinetics of Isotretinoin (ISO) in Rats following Oral Dosing or Aerosol Inhalation," <i>British J. Cancer</i> (1999), 80 Suppl. 2, 96	
	D73	VOLPERT <i>et al.</i> , "Captopril Inhibits Angiogenesis and Slows the Growth of Experimental Tumors in Rats," <i>J. Clin. Invest.</i> (1996), 98:671-679	
	D74	WILEY <i>et al.</i> , "Peptidomimetics Derived from Natural Products," <i>Med Res. Rev.</i> (1993), 13:327-384	
	D75	XING <i>et al.</i> , "Overexpression of Urokinase Receptor in Breast Cancer Cells Results In Increased Tumor Invasion, Growth and Metastasis," <i>Int. J. Cancer</i> (1996), 67:423-429	
MMG	D76	ZOLLER <i>et al.</i> , "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," <i>Nucleic Acids Res.</i> (1982), 10:6487-6500	

Examiner Signature	Mark M. Godes Jr.	Date Considered	08/05/05
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